



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
CARIBBEAN ENVIRONMENTAL PROTECTION DIVISION  
CITY VIEW PLAZA, SUITE 7000  
#48 165 RD. KM 1.2  
GUAYNABO, PR 00968-8069

JUL 23 2014

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

Honorable Héctor O'Neill García  
Mayor  
Municipality of Guaynabo  
P.O. Box 7885  
Guaynabo, Puerto Rico 000970

**Re: Transmittal of Compliance Evaluation Inspection Report  
Municipality of Guaynabo Small Municipal Separate Storm Sewer System  
NPDES Permit Number PRR040016**

Dear Mayor O'Neill:

This letter is in reference to the Compliance Evaluation Inspection (CEI) performed on August 28, 2013, by Ms. Yolianne Maclay, P.E., of the United States Environmental Protection Agency (EPA) at the Municipality of Guaynabo Public Works Facility located in Carr. 835 Km 0.1, Barrio Mamey I, Guaynabo, Puerto Rico. The purpose of the CEI was to evaluate the Municipality's compliance with the criteria of Pollution Prevention and Good Housekeeping Practices of the National Pollutant Discharge Elimination System (NPDES) Permit (PRR040016) for storm water discharges associated with Small Municipal Separate Storm Sewer Systems (MS4).

Enclosed is a copy of the NPDES Water Compliance Inspection Report (Report) which summarizes the findings of the CEI. Within 30 calendar days from receipt of this letter, the Municipality of Guaynabo must acknowledge receipt and submit a compliance plan addressing the findings identified in the Report.

If you have any questions regarding the Report, please contact Ms. Yolianne Maclay at (787) 977-5849 or through electronic mail at [maclay.yolianne@epa.gov](mailto:maclay.yolianne@epa.gov).

We urge your prompt attention to this matter.

Sincerely,

Nancy Rodríguez  
Chief

Multimedia Permits and Compliance Branch



United States Environmental Protection Agency  
Washington, D.C. 20460  
**Water Compliance Inspection Report**

Form Approved.  
OMB No. 2040-0057  
Approval expires 8-31-98

**Section A: National Data System Coding (i.e., PCS)**

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 N 2 5 3 PRR040016 11 12 2013/08/28 17 18 C 19 R 20 2					
Remarks					
21 66					
Inspection Work Days	Facility Self-Monitoring Evaluation Rating	B1	QA	-----Reserved-----	
67 1 0 69 70 n a 71 72 73 74 75 80					

**Section B: Facility Data**

Name and Location of Facility Inspected (for industrial users discharging to POTW, also include POTW name and NPDES permit number)	Entry Time/Date	Permit Effective Date
<b>Municipality of Guaynabo Public Works Facility</b> Carr. 835 Km 0.1, Barrio Mamey I, Guaynabo, Puerto Rico	9:05 a.m. 08/28/2013	November 6, 2006
	Exit Time/Date	Permit Expiration Date
	12:00 p.m. 08/28/2013	November 6, 2011
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Other Facility Data	
Mr. Wilfredo Ramos, Transportation Director Mrs. Beatriz Albino, General Services Sub-Director Mr. Angel Báez, General Services Director Telephone (787) 720-4040	NPDES Storm Water Municipal Separate Storm Sewer Systems General Permit (MS4)	
Name, Address of Responsible Official/Title/Phone and Fax Number(s)	PRR040000	
Honorable Héctor O'Neill García Mayor Municipality of Guaynabo P.O. Box 7885 Guaynabo, Puerto Rico 000970	Contacted Yes No X	

**Section C: Areas Evaluated During Inspection (Check only those areas evaluated)**

<input checked="" type="checkbox"/> Permit	<input type="checkbox"/> Flow Measurement	<input checked="" type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> CSO/SSO (Sewer Overflow)
<input checked="" type="checkbox"/> Records/Reports	<input type="checkbox"/> Self-Monitoring Program	<input type="checkbox"/> Sludge Handling/Disposal	<input checked="" type="checkbox"/> Pollution Prevention
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Compliance Schedules	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> Multimedia
<input type="checkbox"/> Effluent/Receiving Water	<input type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Storm Water	<input type="checkbox"/> Other:

**Section D: Summary of Findings/Comments (Attach additional sheets of narrative and checklists as necessary)**

See attached report for findings.

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Numbers	Date
 Yolianne Maclay, Environmental Engineer	EPA/CEPD/MPCB (787) 977-5849	7/17/14
Signature of Management Q A Reviewer	Agency/Office/Phone and Fax Numbers	Date
 Nancy Rodriguez, MPCB Chief	EPA/CEPD/MPCB (787) 977-5887	7/22/14



## Compliance Evaluation Inspection

### Water Compliance Evaluation Inspection Report Form (EPA Form 3560-3) Summary of Findings/Comments

Facility Name: Municipality of Guaynabo Public Works Facility  
NPDES Permit Number: PRR040016  
Inspection Date: August 28, 2013

#### **I. Background**

A Compliance Evaluation Inspection (CEI) was conducted on August 28, 2013, at the Municipality of Guaynabo Public Works Facility. The purpose of the CEI was to evaluate the Municipality of Guaynabo Public Works Facility's compliance with the National Pollutant Discharge Elimination System (NPDES) General Permit (Permit) for Discharges from Municipal Separate Storm Sewer Systems (MS4). The CEI consisted of an entry meeting to discuss the purpose of the inspection; a site tour to evaluate operational and maintenance conditions at the Public Works Facility; a document review to assess records compliance; and a closing meeting to discuss preliminary findings.

This Supplement to the Water Compliance Inspection Report Form is prepared to include all findings and comments concerning CEI conducted by the environmental engineer and enforcement officer, Yolianne Maclay, P.E., of the United States Environmental Protection Agency, Region 2.

The inspection was focused on Pollution Prevention/Good Housekeeping for Municipal Operations, which one of the six Minimum Control Measures (MCMs) in Part 4.2.6 of the Permit.

#### **II. General Information**

1. Date of Site Inspection - August 28, 2013
2. Site: Municipality of Guaynabo Public Works Facility
  - a. Address – Carr. 835 Km 0.1, Barrio Mamey I, Guaynabo, Puerto Rico
  - b. Coordinates
    - i. Latitude: 18° 20' 6" N
    - ii. Longitude: 66° 6' 20" W
3. Time of Inspection - Inspection began approximately at 9:05 a.m. and ended approximately at 12:00 p.m.

4. Weather – rain showers during the inspection
5. EPA's Representatives:
  - Mrs. Yolianne Maclay, P.E., Environmental Engineer
6. Municipality of Guaynabo Representative:
  - Mr. Wilfredo Ramos, Transportation Director
  - Beatriz Albino, General Services Sub-Director
  - Angel Báez, General Services DirectorTelephone (787) 720-4040

### **III. With Respect To The MS4 General Permit**

1. On November 6, 2006, EPA issued and published in the Federal Register (71 Fed. Reg. 64,952), the Permit for storm water discharges that are associated with municipal separate storm sewer systems within urbanized areas (Permit). The became effective on November 6, 2006 and expired on November 6, 2011.
2. The Permit was administratively extended, and its terms and conditions remain fully effective and enforceable, pursuant to 5 U.S.C. § 558(c) and 40 C.F.R. § 122.6.
3. The Permit established Notice of Intent (NOI) requirements for those municipalities seeking coverage under the Permit, established application deadlines, and required the development and implementation of a municipal Storm Water Management Program (SWMP).
4. The Municipality of Guaynabo submitted the NOI on February 5, 2007 and the SWMP on August 10, 2007.
5. Part 4 of the Permit established that the permittee must develop, implement, and enforce a SWMP designed to reduce the discharge of pollutants to the “Maximum Extent Practicable” (MEP), to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act (CWA).
6. Part 5.3 of the Permit established that the permittee must submit an annual report to EPA by November 6<sup>th</sup> of each year of the permit term. The Municipality of Guaynabo have submitted annual reports for the following years of 2007, 2008, 2009, 2010, 2011, and 2012.
7. The SWMP must include six Minimum Control Measure (MCMs), described on Part 4.2 of the Permit. However, the inspection focused on Pollution Prevention/Good Housekeeping for Municipal Operations.
8. Part 4.2.6.1.1 of the Permit required the Municipality of Guaynabo to “develop and implement an operation and maintenance program that includes a training



component and has an ultimate goal of preventing or reducing pollutant runoff from municipal operations.”

#### **IV. Public Works Walkthrough and Findings**

On August 28, 2013, an EPA Enforcement Officer conducted a CEI at municipally-owned Public Works Facility. The purpose of the CEI was to document site conditions and assess the Municipality’s oversight activities for municipal operations and maintenance. A summary of the observations pertaining to the Public Works Facility site visit are presented below. All referenced photographs are contained in Attachment I, Photograph Log.

The Guaynabo Public Works Facility, owned and operated by the Municipality of Guaynabo, is used for various activities associated with the Guaynabo MS4, including the following: (1) vehicle and equipment storage, (2) vehicle and equipment maintenance, (3) fuel station, (4) vehicle washing area, and (5) material storage. According to Mr. Ramos the stormwater that falls in the workshop and the fuel station, and the wash-water from the vehicle washing area are treated in an oil-water separator. The following includes comments and/or observations of the CEI.

1. The Public Works Facility is bordered by two unnamed creeks at the east and west sides and Rio Guaynabo is located at the north.
2. Several 55-gallon drums were observed in front of the storage area without secondary containment and exposed to stormwater (see Attachment I, picture 2).
3. An open waste container was observed, exposing the waste to stormwater (see Attachment I, picture 3).
4. Stains were observed on the impervious surface at the east side of the facility. In addition, a 5-gallon bucket was observed filled with used oil exposed to stormwater (see Attachment I, pictures 7 and 8).
5. The catch basins were in need of maintenance, sediments were observed in most of them. The catch basins observed with sediments were located in front of the oil-water separator, surrounding the fuel station, and the workshop (see Attachment I, pictures 10 and 11).
6. The diesel tanks dikes were observed with stormwater and debris.
7. Construction aggregates exposed to stormwater without erosion controls implemented were observed (see Attachment I, picture 14).

#### **V. Document Review and Findings**

1. The EPA Enforcement Officer, Yolianne Maclay, requested an operation and maintenance program that has the ultimate goal of preventing or reducing pollutant runoff from municipal operations. Mr. Ramos didn’t have knowledge of

this document. However, the requested information was received at EPA on a communication dated September 27, 2013, signed by Mrs. Ada E. Bones Berrios.

2. According to the September 27, 2013 letter, the Municipality trained approximately 270 municipal employees and 1,600 residents on pollution prevention and good housekeeping techniques. This communication included the material presented at the training sessions.
3. According to Mr. Ramos and Mrs. Albino, Environmental Consultants named EDS conducted an inspection at the beginning of August 2013. Mr. Ramos explained that they plan to conduct inspections on regular basis.
4. The Municipality of Guaynabo have implemented several BMPs to reduce or eliminate the discharge of pollutants from streets, roads, highways, municipal parking lots, maintenance and storage yards, waste transfer stations or maintenance shops, as required by Part 4.2.6.2.3.2 of the Permit. For example, stormwater sewer system and water bodies cleaning and removal of debris from street sweeping on regular basis and a cleaning program for septic system. However, a formal operating procedure was not observed.
5. The MS4 Permit requires procedures for the proper disposal of waste removed from the MS4 and their municipal operations, on Part 4.2.6.2.3.3. Although the September 27, 2013 letter includes the procedures for the proper disposal of waste removed from the MS4 as part of the program objectives, EPA inspector did not observed those procedures.

## VI. Conclusion

EPA is requesting that within 30 calendar days of receipt of this Compliance Evaluation Inspection Report ("the Report"), the Municipality submit a compliance plan in order to address the findings identified above.

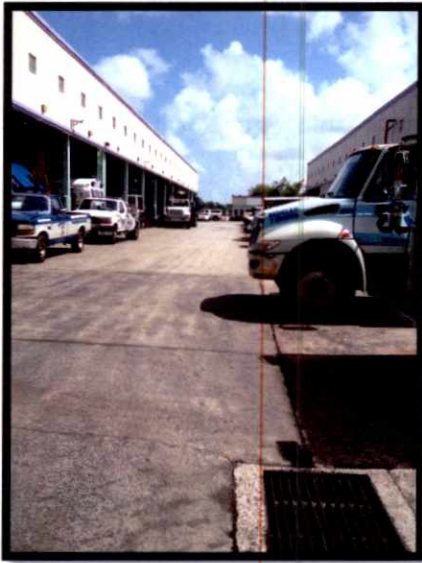
Prepared by: Yolianne Maclay  
Yolianne Maclay, P.E.  
Environmental Engineer  
U.S. Environmental Protection Agency, Region 2

7/17/14  
Date

Attachment I - Photo Documentation  
Attachment II - Maps

**Attachment 1**  
**Photo Documentation**





Picture 1

View of the Municipality of  
Guaynabo Workshop Area.



Picture 2

View of several 55-gallon drums without  
secondary containment and exposed to  
stormwater. The white drums were identified as  
multi-purpose foaming cleanser and degreaser.



Picture 3

View of an open waste container; exposing the  
materials to stormwater.





Picture 4

View of the vehicle washing area, located under a roof over an impervious surface.



Picture 5

View of oil/water separator that receive the storm water discharges from the workshop, the fuel station, and the vehicle washing area.



Picture 6

View of a catch basin in need of maintenance close to the oil/water separator.

Picture 7

View of vehicles to be decommission with mechanical parts exposed to stormwater and stains on the impervious surface.



Picture 8

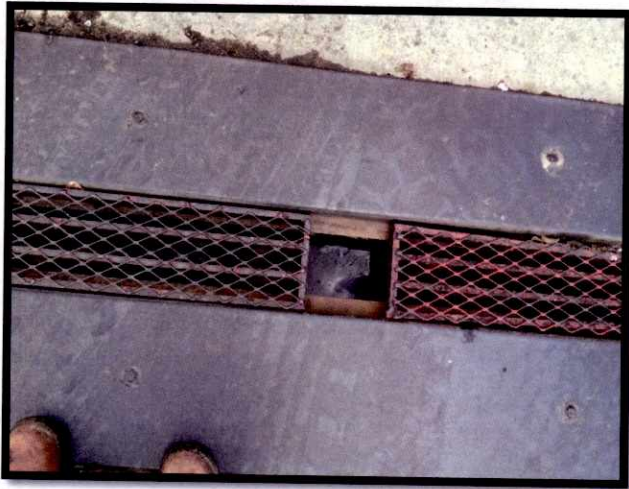
View of vehicles to be decommissioned, stains on the impervious surface, and a 5-gallon bucket filled with used oil exposed to stormwater.



Picture 9

View of vehicle fuel station and the catch basin which discharges into the oil/water separator.





Picture 10

View of the catch basin at the fuel station filled with a dark color liquid.



Picture 11

View of the catch basin at the fuel station, it was deteriorated, broken, and filled with sediments.



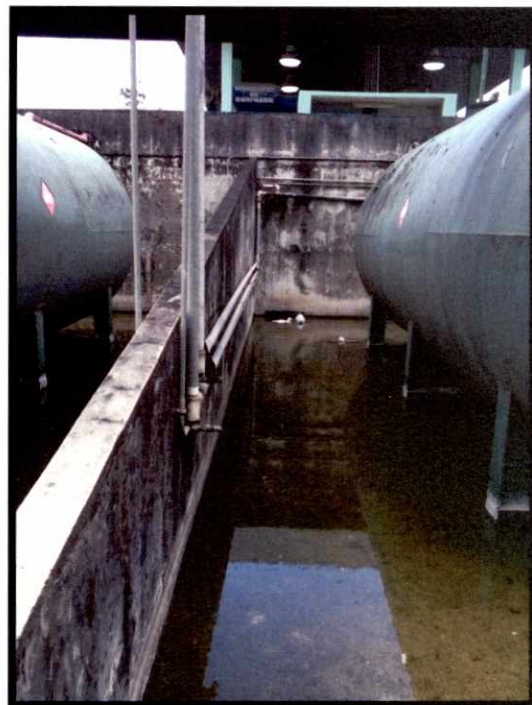
Picture 12

View of the above ground diesel tanks.



Picture 13

View of the diesel tanks dikes filled with stormwater and debris.



Picture 14

View of construction aggregates exposed to stormwater without erosion controls implemented.



Picture 15

View of stains on the ground surface at the south side of the facility.

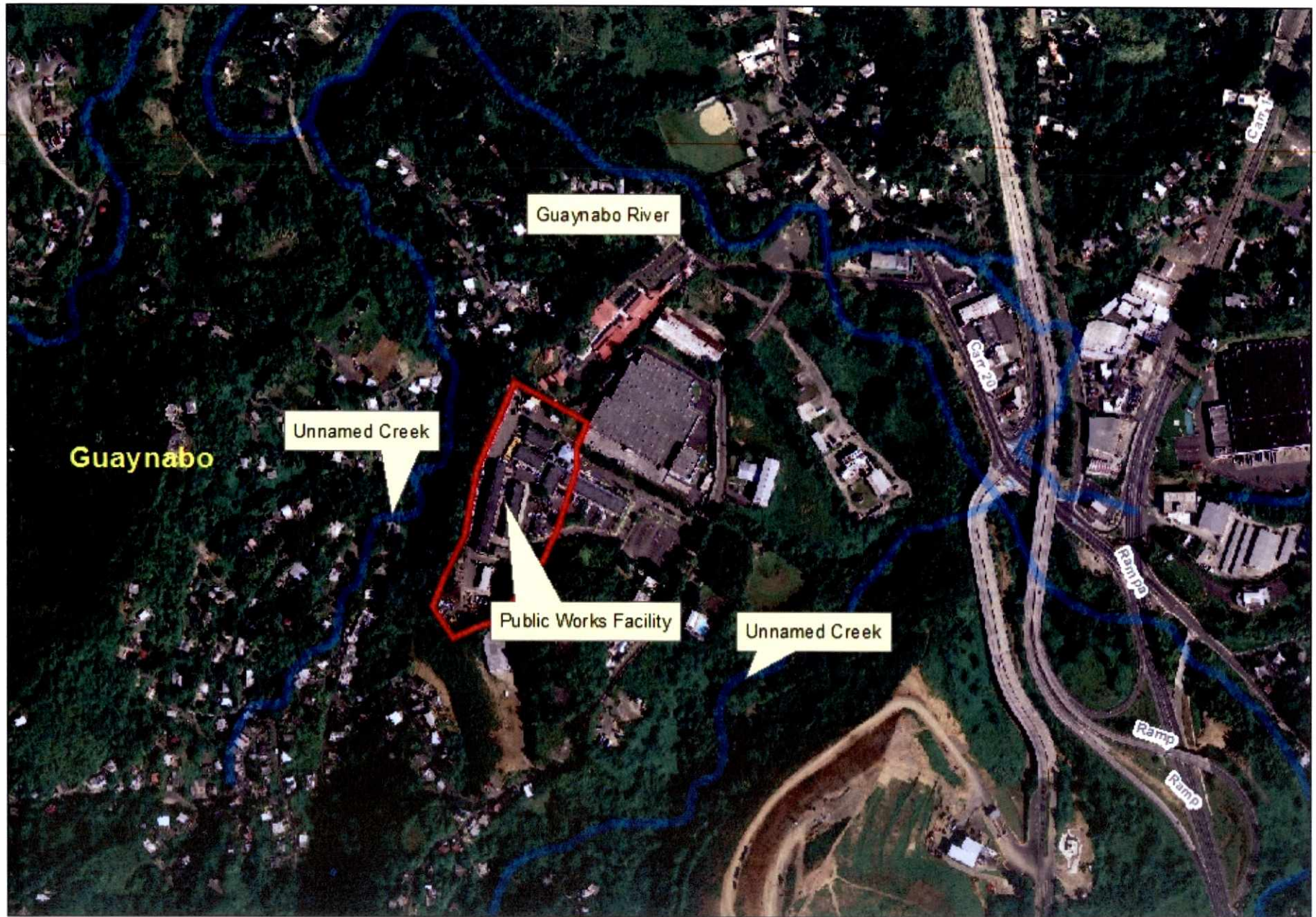


## **Attachment 2**

### **Maps**



**Municipality of Guaynabo**  
**Public Works Facility Drainage Map**





**Municipality of Guaynabo**  
**Public Works Facility Top View**

